

FGPE04-002

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## PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.158)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	FGPE04-002
I	Title of invention	STRONTIUM SILICATE-BASED PHOSPHOR, FABRICATION METHOD THEREOF, AND LED USING THE PHOSPHOR
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
II-5	Address:	100 Jang-dong, Yuseong-gu Daejeon 305-343 Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-42-860-7114
II-9	Facsimile No.	82-42-861-7022
II-10	e-mail	webmaster@kriict.re.kr

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III-1	Applicant and/or Inventor	applicant and inventor US only KIM, Chang-Hae 138-1402 Hanbit Apt. Oeoen-dong Yoosung-gu, Daejeon307-755 Republic of Korea KR KR
III-1-1	This person is:	
III-1-2	Applicant for	
III-1-4	Name (LAST, First)	
III-1-5	Address:	
III-1-6	State of nationality	KR
III-1-7	State of residence	
III-2	Applicant and/or Inventor	applicant and inventor US only PARK, Joung-Kyu 7-305 Jeonji GongdongGwanri Apt., Doryong-dong 431, Yoosung-gu, Daejeon305-340 Republic of Korea KR KR
III-2-1	This person is:	
III-2-2	Applicant for	
III-2-4	Name (LAST, First)	
III-2-5	Address:	
III-2-6	State of nationality	KR
III-2-7	State of residence	
III-3	Applicant and/or Inventor	applicant and inventor US only PARK, Hee-Dong 104-301 Sejong Grangcia, Gihoeng-oob Yongin, Kyunggi-do449-900 Republic of Korea KR KR
III-3-1	This person is:	
III-3-2	Applicant for	
III-3-4	Name (LAST, First)	
III-3-5	Address:	
III-3-6	State of nationality	KR
III-3-7	State of residence	

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	HAW, Yong-Noke
IV-1-2	Address:	8th Fl. Songchon Bldg., 642-15 Yoksam-dong, Kangnam-gu, Seoul 135-080 Republic of Korea
IV-1-3	Telephone No.	82-2-2185-5151
IV-1-4	Facsimile No.	82-2-2185-5159
IV-1-5	e-mail	mail@sunyoungpat.com
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	KR
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	28 March 2003 (28.03.2003)
VI-1-2	Number	10-2003-0019528
VI-1-3	Country	KR
VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)

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<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	5	
IX-2	Description	6	✓
IX-3	Claims	4	-
IX-4	Abstract	1	-
IX-5	Drawings	3	✓
IX-7	TOTAL	19	-
<b>IX-8</b>	<b>Accompanying Items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	HAW, Yong-Noke	
X-1-2	Name of signatory		
X-1-3	Capacity		

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## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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## PCT (ANNEX - FEE CALCULATION SHEET)

Original (for SUBMISSION)

(This sheet is not part of and does not count as a sheet of the international application)




0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.158)		
0-9	Applicant's or agent's file reference	FGPE04-002		
2	Applicant	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (KRW)	
12-1	Transmittal fee T	⇒	45000	
12-2-1	Search fee S	⇒	150000	
12-2-2	International search to be carried out by	KR		
12-3	International filing fee (first 30 sheets) i1	1329000		
12-4	Remaining sheets	0		
12-5	Additional amount (X)	0		
12-6	Total additional amount i2	0		
12-7	i1 + i2 = i	1329000		
12-12	EASY Filing reduction R	-95000		
12-13	Total International filing fee (I-R) I	⇒	1234000	
12-14	Fee for priority document Number of priority documents requested	1		
12-15	Fee per document (X)	0		
12-16	Total priority document fee: P	⇒		
12-17	TOTAL FEES PAYABLE (T+S+I)+P)	⇒	1429000	
12-19	Mode of payment	cash		

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## PCT POWER OF ATTORNEY

Duplicate of Original

0-1	PCT Power of Attorney (for an international application filed under the Patent Cooperation Treaty) (PCT Rule 90.4)	
0-1-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.158)
1	The undersigned applicant(s)	KIM, Chang-Hae; PARK, Joung-Kyu; PARK, Hee-Dong
1-1-1	hereby appoints (appoint) the following person	HAW, Yong-Noke 8th Fl. Songchon Bldg., 642-15 Yoksam-dong, Kangnam-gu, Seoul 135-080 Republic of Korea
1-2	as	agent
1-3	to represent the undersigned before	all the competent International Authorities
1-4	In connection with the international application identified below:	
1-4-1	Title of Invention	STRONTIUM SILICATE-BASED PHOSPHOR, FABRICATION METHOD THEREOF, AND LED USING THE PHOSPHOR
1-4-2	Applicant's or agent's file reference	FGPE04-002
1-4-3	International application number (if already available)	
1-4-4	filed with the following Office as receiving Office	Korean Intellectual Property Office (RO/KR)
1-5	and to make or receive payments on behalf of the undersigned	
2-1	Signature of applicant, agent or common representative	
2-1-1	Name (LAST, First)	KIM, Chang-Hae
2-1-2	Name of signatory	
2-1-3	Capacity	
2-2	Signature of applicant, agent or common representative	
2-2-1	Name (LAST, First)	PARK, Joung-Kyu
2-2-2	Name of signatory	
2-2-3	Capacity	
2-3	Signature of applicant, agent or common representative	
2-3-1	Name (LAST, First)	PARK, Hee-Dong
2-3-2	Name of signatory	
2-3-3	Capacity	
3	Date	26 March 2004 (26.03.2004)